APPENDIX A

SAMPLE COLLECTION LOGS AND ANALYSIS REQUEST/CHAIN-OF-CUSTODY RECORDS

SAMPLE COLLECTION LOGS



I	Project:		Fort McC Jeanne Yacoub		
				RFA / COC Number:	208-030300-08K
Site: Fort	mer Shell Tapp	ing Area, An	niston Army	Collection Date:	03-03-00
Location Code: RNC	G-208-MW01			Collection Time:	1243
Sample Number: RP0					A 12
Sample Name: RNC	G-208-MW01-S	S-RP0001-R	EG	Start Depth:	0
Sampling Method: 🎷	55	•		End Depth:	2
•	Container Frtn Qty Size	Units Type		Sample Team:	Hofer
VOLATILES_3 N					
METALS-S N					
SEMIVOLATILES_N	B 1 8	oz CWM			
NITROAROMATIC N	C F 8	oz CWM	100	e de la companya de l	
CA BREAKDOWN N	D 1 8	oz CWM			
ORTHOSULFUR N	D 41 8	oz CWM			
Comments:				,	
Sketch Location:)(
an wall					/) []



Location Code: RNG-208-MW92

Sample Number: RP0005-MS

Sampling Method: 🎜 🖼

Sample Collection Log

Project:

800492 Fort McClellan

Manager: Jeanne Yacoub

Site: Former Shell Tapping Area, Anniston Army

Collection Date: 03-03-02

Collection Time: 1243

Start Depth: O

End Depth: 2

Containers

Analytical Suite Flt Frtn Qty Size Units Type

Sample Name: RNG-208-MW92-SS-RP0005-MS

Sample Team: Hofer

Hofen

 VOLATILES 3
 N A 3
 5
 g EnCore

 METALS S
 N B 1
 8 0z CWM

 SEMIVOLATILES N B 1
 8 0z CWM

 NITROAROMATIC N C 1
 8 0z CWM

 CA BREAKDOWN N D 1
 8 0z CWM

 ORTHOSULFUR N D 1
 8 0z CWM

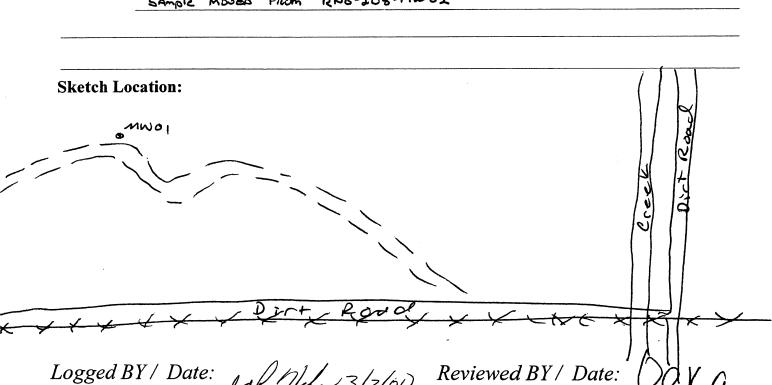


Comments: Sample	moved from	RNG- 208-M	ωος	
Sketch Location:				
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				}
	2 Pirt	200d		
C. A. K.	0/6//	Anniston Arm	y Depte	4



Project. 800492 Fort McClellan

Depth: 208-0303 QSK
Team: Hofen
COMPLETED
-





Project:

800492 Fort McClellan

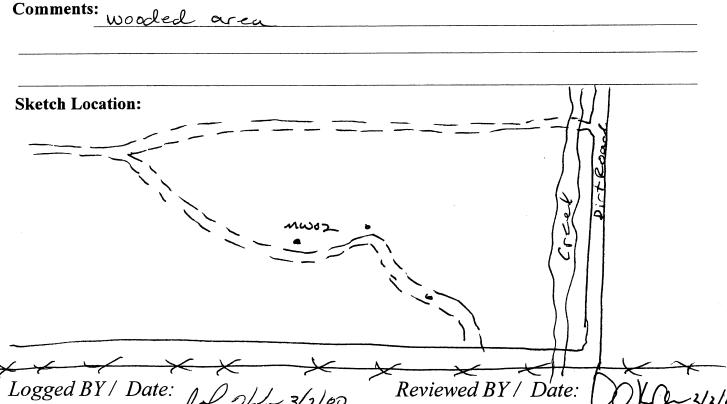
Manager: Jeanne Yacoub

Site: Location Code: Sample Number:			ing Ar	ea, Annistoi	RF n Army	FA / COC Number: Collection Date: Collection Time:	208-1836300-056 03-03-00
Sample Name: Sampling Method:	RNG-208-M	W01-D	S-RP0	004-REG		Start Depth: End Depth:	<u>4</u>
Analytical Suite	Flt Frtn Qty N A -3	5	Units	Type EnCore 1		Sample Team:	Hofer
METALS-S - SEMIVOLATILE NITROAROMAT	S_N B 1	8		CWM			
CA BREAKDOW ORTHOSULFUR				CWM CWM		COM	PLETED

Comments: Refusal @ 7				
				•
Sketch Location:				\
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		•		- 11
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			9	
				- 17
		1)(
* 	XXX	×× 	· ××××	VI V
Langed DV / Date: 4	1 /	Reviewed E	W D A	
Logged BY / Date:	1/313/00	Keviewed E	SY / Date:	Make



Project: 800492 FOR WICCIE		
RF	A / COC Number:	208-020200-QSK
Site: Former Shell Tapping Area, Anniston Army Location Code: RNG-208-MW02	Collection Date: Collection Time:	03-02-00
Sample Number: RP0005 Sample Name: RNG-208-MW02-SS-RP0005-REG Sampling Method: PFSS	Start Depth: End Depth:	D
Containers Analytical Suite Flt Frtn Qty Size Units Type	Sample Team:	
VOLATILES 3 N A 3 5 g EnCore METALS-S N B 1 8 oz CWM:	•	110308
SEMIVOLATILES_N B 1 8 02 CWM NITROAROMATIC N C 1 8 02 CWM		
CA BREAKDOWN N D 1 8 oz CWM ORTHOSULFUR N D 1 8 oz CWM	<u>Co</u> l	MPLETED
Comments: wooded area	"	





Project:

800492 Fort McClellan

Manager: Jeanne Yacoub

RFA/COC Number: 208-030300-QSL Site: Former Shell Tapping Area, Anniston Army Collection Date: 03-02-00 Location Code: RNG-208-MW01 Collection Time: Sample Number: RP0002 Sample Name: RNG-208-MW01-SS-RP0002-FD Start Depth: Sampling Method: Drs. End Depth: **Containers** Flt Frtn Qty Size Units Type **Analytical Suite** Hofen Sample Team:

VOLATILES_3,	N A 3	5 g	EnCore	
METALŞ-S -	N B 1	8 oz	CWM:	
SEMIVOLATILES_	N. B. 11:	8 oz	CWM	
NITROAROMATIC	N C 1	8 oz (CWM	
CA BREAKDOWN	N D 1	8 oz (CWM	
ORTHOSULFUR	$N,D, \langle I_{\pm} \rangle$	8 oz (CWM	

COMPLETED

Comments:	moved		RNG-208-Mu	001				
Woo	ded	area						
Sketch Loc	ation:							
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			NW02				7	
					~	$\rangle\rangle$		
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- X ≪ Logged B\	Y / Date	: 00		X X Revie	ewed BY/	Date:	DVae	\



Project:

800492 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number:	208-030200-SABL

Site: Former Shell Tapping Area, Anniston Army

Collection Date: 03-02-00

Location Code: RNG-208-MW01 Sample Number: RP0003

Collection Time: |417

Sample Name: RNG-208-MW91-SS-RP0003-FS

Start Depth: D

Sampling Method: DYSS

Analytical Suite

End Depth:

Containers

Flt Frtn Qty Size Units Type

Sample Team: Hofer

		~ "		
VOLATILES_3	N A	3 5	g EnCore	
METALS-S	N B	1 8	oz CWM	
SEMIVOLATILES	N B	1 8	oz CWM	
NITROAROMATI	CNC	1 8	oz CWM	100000000000000000000000000000000000000
CA BREAKDOWN	NND	1 8	oz. CWM	1980年
OPTHOSHI FIED	N. D.	1 8	o. CWM	

COMPLETED

Comments:	moved fro	on MWOI	wooded	area	
Sketch Loca	tion:	Path		(++)	
-	mwo2	nwol			
	Path				
		2801			
X	£ £ £	**	XXX		
Logged BY	/ Date:	Hofe 3/2/00	Reviewed I	BY / Date:	O. Lace 03



Project:

800492 Fort McClellan

	U	Manager: Jeann	e Yacoub		
			RFA / COC N	Number: 2	08-030300-QSIC
	Former Shell Tappin	g Area, Anniston	Army Collection	on Date:	03-02-00
	RNG-208-MW02		Collectio	on Time:	603
Sample Number:		DD0004 DEC			
	RNG-208-MW02-DS	-RP0006-KEG		t Depth:	/
Sampling Method:	DP SS		Enc	d Depth: \int	2
	Containers	_			
-	Flt Frtn Qty Size		Sample	e Team: H	*er
	N A 3 5				
	N. B. 1 8.				
and the second second second second	S_N B 1 8				
	TICN C 1 8				
CA BREAKDOW	N N D 1 8	oz CWM		COMP	LETED
ORTHOSULFUR	N D 1 8	oz CWM		910	
			;		
Comments:	Insufficie	nt soil in	2 st spoon t	ofill,	jar requirement
Sketch Locati	ion:				
	\'\				(3) Pd

Logged BY / Date: July 3/2/60

Reviewed BY / Date: / De Lac



	Project:		92 Fort McG ger: Jeanne Yacou		
				RFA / COC Number:	208-030300-QSK
Site:	Former Shell Tap	ping Area,	Anniston Army	Collection Date:	03-03-00
Location Code:	RNG-208-SB01			Collection Time:	03-03-00
Sample Number:	RP0007				_0100
Sample Name:	RNG-208-SB01-S	S-RP0007-	REG	Start Depth:	Ø
Sampling Method:	DF 55			Start Depth: End Depth:	à
•	Containe Flt Frtn Qty Size	Units T	-	Sample Team:	Unfen
VOLATILES_3 ·	N.A., 3	g En	Core		1101-5
METALS-S	N B 1 . 8	nz CV	YM Company		
SEMIVOLATILE	S_N_B =1. 8	oz Cy	VM		
NITROAROMAT	ICN C 1 8	oz CV	VM		
CA BREAKDOW	N N D 1 8	oz CV	VM - SECTION	co	MPLETED
ORTHOSULFUR	- N. D., 1 8	oz CV	VM.		AL-
Comments:	DOO.I L)000ed	Area		
Sketch Location	on:				



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800492 Fort McClellan

Manager: Jeanne Yacoub

		RFA / COC Number:	
	Former Shell Tapping Area, Anniston Army	Collection Date:	03-03-00
	RNG-208-SB01	Collection Time:	1038
Sample Number:			
Sample Name:	RNG-208-SB01-DS-RP0008-REG	Start Depth:	10
Sampling Method:	DP	End Depth:	12
	Containers		. •
Analytical Suite	Flt Frtn Qty Size Units Type	Sample Team:	Horen
	N A 3 5 g EnCore		
	N B 1 8 oz CWM		
	S N B 1 8 07 CWM		
The state of the s	ICN C. I. 8. oz CWM		
	N N D 1 8 02 CWM (4.5)	C(MPLETED
ORTHOSULFUR	N D 1 8 oz CWM		affe
Comments: p	TO . V.)		
Sketch Locati	on:		Creek Dirt Road
\ \ \ \ \ \	XXXX Dirt Ro Annistan	XXX	
		(* * * * * * * * * * * * * * * * * * *	MALL





JUL 1 3 2000

Sample Collection Log

Project:

800492 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 208-062100-QSK

Site: Former Shell Tapping Area, Anniston Army Collection Date: 6-21-00
Collection Time: 1325

Location Code: RNG-208-MW01 Sample Number: RP3001

Sample Name: RNG-208-MW01-GW-RP3001-REG
 Start Depth:
 \$5.20

 End Depth:
 85.24

Sampling Method: SP

Containers

Flt Frtn Qty Size Units Type Sample Team: D. K. ALLEN **Analytical Suite**

TOTAL TOTAL TOTAL CONTROL OF THE CON
VOLATILES 3 //: N A- 2 40 ml VOA Vial
SEMINORATILES N. H. B L . D. Anil. Glass
METAIS WESSELN COLUMN TO HIDE SEE SEE
NITROAROMATIC N. D. P. 1 L. Amb. Class
CABRUAKDOWN N E LEE I LE Amb. Glasser Young
ORTHOSULFUR N Re) L L Amb. Class
CATEGORIES SEEDS

Volgriles a meine AH Leas than 2.

Initial	Time(24hr)		Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
	1220 1238	85.87	START	6.95	. 224	313	5.65	19.8	1.3
	1248	86.05	140	6.97	. 246	165	4.70	19.0	2.6
	1256	86.23	140	6.93	. 251	80.5	3.88	18.3	3.9
	1303	86.25	150	7.00	, 259	39.3	3.92	17.9	5. a
	1311	86.24	145	6.99	. 254	8. ધ્ર	3.96	18.1	6.5
	1				:			1	
ample:		<u> </u>	•	 					





Project:

800492 Fort McClellan

Manager: Jeanne Yacoub

		RFA / COC Number:	208-062100-QSK
	Former Shell Tapping Area, Anni	iston Army Collection Date:	b-21-00
	RNG-208-MW01	Collection Time:	1325
Sample Number:	RP3002	<u>_</u>	
Sample Name:	RNG-208-MW01-GW-RP3002-FI		85.20
Sampling Method:	SP	End Depth:	86.24
10.4	Containers Flt Frtn Qty Size Units Type	~	~ ^
Analytical Suite		Sample Team:	D. K. Auen
	N.A. & 40 me VVAV		
SEMIVOLATILE	STABLE LEGIL OF DE AMILIE	as as a second	

VOLATILES 3: 2 N.A. 2: 40 mE YOAYAY	
SEMIVOLATICES N. B P L L. And Gas	
DEWIN VIGATION CO. TO STREET STREET, CO. C.	
MINIMENERS AND CHARLES AND DESIRED AND AND AND AND AND AND AND AND AND AN	
NUROAROMATICA DE L. Ant. Classe & L.	55.
	112
CAUBREAKDOWN NER 12 12 L Amb. Guss - 2 -	**
ORTHOSULFURE N. F. L. L. L. L. Amil Glass	
	2 24.6

a menals pH Less than 2 **PURGE RECORD:** DissOxygen Temperature Purge Volume Turbidity Initial Time(24hr) DepthtoWater Eh pН (NTU) (ppm) (C) (gal) (SU) (mS/cm) (mV) RP 3001 for Sample:

DTW TD WC PJ PTO 85.20 93.31 8.1 1.3

Logged BY / Date: \(\)





Project:

800492 Fort McClellan

Manager: Jeanne Yacoub

RFA/COC Number: 208-062100 -QSK

Site: Former Shell Tapping Area, Anniston Army

Collection Date: 6-21-00

Location Code: RNG-208-MW02

Collection Time:

Sample Number: RP3004 Sample Name: RNG-208-MW02-GW-RP3004-REG

Start Depth:

Sampling Method: SP

End Depth:

Containers

Flt Frtn Qty Size Units Type **Analytical Suite**

Sample Team: O.K. Alken

			- WASHINGTON
With Arthres Commence	A 3 40 mL	YOA Vial A See 5	
			-
CHANINO MARITRAS P.V.	r Real Cold State	Amti Liax	
MITTER CONTRACTOR	Let Explain	LUMBER OF TRACE	
Signiya'e e ya wa e e fact	6 D. T. 多月 月星	Anti Ciassi da Astro	
CARTINGA (EDIO) WNOS	CHEST LEVEL	Amb: Glass译 。 實質	i k
ORTHOSUBEURS, N	EP. Lev. P. A. E.	Amu Cass	

Volariles & metals of Leas than 2.

nitial	GE RECO Time(24hr)	DepthtoWater	Eh (mV) STANT	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
	0925	72.42	60	6.39	.189	195	4.40	19.3	1
	0952	72.55	85	6.70	.189	251	4.24	18.9	<i>5.</i> 2
	1016	72.96	110	6.97	. 215	267	3.51	17.8	10.4
	1038	72.92	140	7.04	. 229	187	2.51	17.8	15.6
	1059	73.04	160	7.02	. 229	468	2.49	17.8	20.8
	1123	73.07	145	7.03	.229	29.7	३५०	17.9	36.0

Logged BY / Date: DY Con.





Project:

800492 Fort McClellan

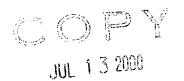
Manager: Jeanne Yacoub

				208-062100-QSK
		ing Area, Anniston Arm	Collection Date:	6-21-00
Location Code: Sample Number:	RNG-208-MW02		Collection Time:	1135
Sample Number: Sample Name:	RNG-208-MW02-C	GW-RP3004-MS	Start Depth:	71.48
Sampling Method:	SP		End Depth:	73.07
Analytical Suite	Container Flt Frtn Qty Size	Units Type	Sample Team:	D.K ALLEN
	N A 1 10			
MUTASA	NC IN I	1 Amb Gass		
	NN CIRC			

	GE RECO Time(24hr)		Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sec	Purg	e Recond	Por	RP3	Pod				
								,	
					:				
ample:									
D7W	70	w <u>c</u>	•	PV	PIO	Beng	ا مد	·	<u></u>

DIM	70	wc	PV	PIO	Bergn
71.48	103.72	32.24	5.2	٥.2	0.0

Logged BY / Date: DY Co. _





Project:

800492 Fort McClellan

Manager: Jeanne Yacoub

		RFA / COC Number:	208-062100-QSK
	Former Shell Tapping Area, Anniston Army	Collection Date:	6-21-00
	RNG-208-MW02	Collection Time:	1135
Sample Number:	RP3004-MSD	•	
Sample Name:	RNG-208-MW02-GW-RP3004-MSD	Start Depth:	71.48
Sampling Method:	SP	End Depth:	73.07
Analytical Suite	Containers Flt Frtn Qty Size Units Type	Sample Team:	O.K ALLEN
	N. A. 2 3 40 I ml. VOA Viate and a second		
	St N B Proposition Le Amir Glass 12 12		
	N C 113/1 L HDPE : 1		
	ICN-D-1: 1 L. Amb Gass 2-2		
	N. N. E. B. L. L. Amb. Glass and L. 200		
ORTHOSULEUR	N. F. L. L. Li. Amb. Glass?		

	GE RECO Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sec	Punge	Recond	For	RP 30	жч.				
Sample:									

70 WC Pro Bekgni 71.48 103.72 32.24 5.2 02 00





Project: 800492 Fort McClellan

			Manager: Jeanne	racoub	
Location Code: Sample Number:	RNG-208-S' RP1001	W/SD0	oing Area, Anniston A 1 1-SD-RP1001-REG	Collection Date: Collection Time:	108-030800-QSK 03-08-00 1430
Sampling Method:				Start Depth: End Depth:	φ
Analytical Suite VOLATILES_3 METALS-S	Flt FrtnQt	5	Units Type g EnCore	Sample Team:	Allen
SEMIVOLATILE.					
NITROAROMAT GR. SIZE TOC	N D 1	8	oz CWM		
CA BREAKDOW! ORTHOSULFUR					

Comments:	
Sketch Location:	4' STAKE W/
	2 onange Flags
Logged BY / Date: OX OX OX OX Revie	ewed BY / Date: 0 5/1/ 3/1/





Project:

800492 Fort McClellan

Manager: Jeanne Yacoub

				J				
						RFA /	'COC Number:	208-030800- QSK
	Former Sh		•	ea, Annis	ton Army		Collection Date:	72-14-12)
Location Code:	RNG-208-9	SW/SD0	1				Collection Time:	1430
Sample Number:	RP2001							1730
Sample Name:	RNG-208-9	SW/SD0	1-SW-	RP2001-R	REG		Start Depth:	к
Sampling Method:	GRAB						End Depth:	ø
		ontainei						
Analytical Suite		_					Sample Team:	Allen
VOLATILES_3				VOA Vial				
SEMIVOLATILE				Amb, Gla	SS			
METALS-W	N C 1	1	L	HDPE.		42		
NITROAROMAT	ICN D 1	1	L	Amb. Gla	SS.			
CA BREAKDOWI	N N E J	1.5.1	L	Amb. Glas	33			
ORTHOSULFUR	N F 1	1	L,	Amb, Glas	SS			
Surface Water Para	meters: Eh (m)			ductivity (*) mS/cm)	Lurbidity == · (NFU) =	DisaUxyg (ppm)	en Temperature (C)	
The second second	100							
	JDS	4.0	O .	111	18計畫	237		
Comments: \	Mariles	a M	lo T ~	. DL	Loss	14	an 0	

Sketch Location:

Logged BY / Date:

<u>DOKALL 030500</u>

Reviewed BY / Date:

lol 1/1 3/1400

ANALYSIS REQUEST/CHAIN-OF-CUSTODY RECORDS	



HOC030232

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030200-QSK

Page 1 of 2

Project Number: 800492

Samples Shipment Date: 02 MAR 2000

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: Quanterra Environmental Services - Knoxville

TN 37923

Sample Coordinator: Jason Brown

Lab Contact: John Reynolds

Report To: Duane Nielsen

Knoxville

Turnaround Time: Nome

Project Contact: Randy McBride

312 Directors Drive

312 Directors Drive

Carrier/Waybill No.: Fed Ex/Quicksilver

Knoxville TN 37923

Hold until Certificate of Analysis is faxed to your office Special Instructions: Possible Hazard Indentification: Sample Disposal: Return to Client Disposal by Lab Archive (mos.) Non-hazard Flammable Unknown 🔀 Skin Irritant Poison B 1. Relinquished By (Signature/Affiliation) Date: 03-02-00 Date: 3/2/00 1. Received By)l. Kale (Signature/Affiliation) Time: 1830 2. Relinquished By Date: 3-3-00 Date: 2. Received By (Signature/Affiliation) (Signature/Affiliation) Time: 8:30 Time: 3. Relinguished By 3. Received By Date: Date: (Signature/Affiliation) (Signature/Affiliation) Time: Time:

Comments: RP0002 moved from RNG-208-MW01

Recol at 2°C * Temp token after
No custoch Seals being stored in walking

(00/er until cleanance

	·							NU .	ROU.
Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil CID	Condition On Receipt
RP0002	RNG-208-MW07-SS-RP0002-FD	02 MAR 2000	14:17	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0002	RNG-208-MW07-SS-RP0002-FD	02 MAR 2000	14:17	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	
RP0002	RNG-208-MW0 / -SS-RP0002-FD	02 MAR 2000	14:17	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP0002	RNG-208-MW07-SS-RP0002-FD	02 MAR 2000	14:17	8 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	
RP0005	RNG-208-MW02-SS-RP0005-REG	02 MAR 2000	14:17	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0005	RNG-208-MW02-SS-RP0005-REG	02 MAR 2000	14:17	8 oz CVVM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	

A Member of The IT Group

HOCO30232

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030200-QSK

Page 2 of 2

Sample		Sample	Sample				Requested Testing		Condition On
No	Sample Name	Date	Time	Container		Preservative	Program	Fil CID	Receipt
RP0005	RNG-208-MW02-SS-RP0005-REG	02 MAR 2000	14:17	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP0005	RNG-208-MW02-SS-RP0005-REG	02 MAR 2000	14:17	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	
RP0006	RNG-208-MW02-DS-RP0006-REG	02 MAR 2000	16:03	8 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	
RP0006	RNG-208-MW02-DS-RP0006-REG	02 MAR 2000	16:03	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	
RP0006	RNG-208-MW02-DS-RP0006-REG	02 MAR 2000	16:03	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0006	RNG-208-MW02-DS-RP0006-REG	02 MAR 2000	16:03	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	



1309 Continental Drive, Suite N Abingdon, MD 21009-2335 Phone 410-676-4300 Fax 410-676-4004

March 2, 2000

Project Name: Fort McClellan

Site Identification: Range K & Shell Tapping Area

Analyst: Robert H. Lee

Sample	Sample	Sample	Sample
Number	Name	Time	Date
RG0009	Range K	0950	3/02/00
RG0010	Range K	0855	3/02/00
RP0002	Shell Tapping Area	1417	3/02/00
RP0006	Shell Tapping Area	1603	3/02/00

Samples RG0009, RG0010, RP0002, and RP0006 have been headspace analyzed and no agent was detected. I certify that Samples RG0009, RG00010, RP0002, and RP0006 are safe to transport.

Sample coolers will not be opened and processed until receipt of a final agent clearance fax from the QS office in Abingdon, Maryland. Encore samplers will be handled in accordance with any special instructions regarding immediate preservation, as required.

Robert H. Lee **Principal Chemist**

Quicksilver Analytics

MEMORANDUM FOR RECORD SUBJECT: Sample Clearance

DATE: March 3, 2000

Then following samples taken from the Ft. McClellan (work for IT Group) on 2 March 2000 have been analyzed in accordance with the US Army Chemical Biological Forensic Analytical Center procedures and have been cleared for GB, HD and VX.

Field Sample Number	FAC Sample Number	Date / Time Taken	Sample Result
RG0010	98014-096-01	03-02-00 / 0950	<0.020 ug/g
RG0009	98014-096-02	03-02-00 / 0855	<0.020 ug/g
RP0002	98014-096-03	03-02-00 / 1417	<0.020 ug/g
RP0006	98014-096-04	03-02-00 / 1603	<0.020 ug/g

RP005 ?

Questions or comments should be addressed to the undersigned at 410-676-4300.

J. Kirk Williams
Principal Chemist

QuickSilver Analytics, Inc.



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Lab Destination: Quanterra Environmental Services - Knoxville

Reference Document No: 208-030300-QSK

Page 1 of 2

Project Number: 800492

Samples Shipment Date: 03 MAR 2000

Bill To: Duane Nielsen

Project Name: Fort McClellan

312 Directors Drive

1 Tojout Italiic.

Knoxville

TN 37923

Sample Coordinator: Jason Brown

Lab Contact: John Reynolds

Report To: Duane Nielsen

Turnaround Time: Normac

Project Contact: Randy McBride

312 Directors Drive

Carrier/Waybill No.: Fed Ex/Quicksilver

Knoxville

TN 37923

Specia	al Instructions: Hold until	Certificate of An	alysis	s faxed to your	offic	e			
Possil	ole Hazard Indentification	า:				Sample Disposal:			
Non-ha	azard Flammable Sk	in Irritant 🔲 Po	oison B	Unknown 🔀	4 1	Return to Client	Disposal by Lab Archive		(mos.)
	inquished By (2. K. Q. C. Affiliation)	<u>e</u>	Dat Tim	e: 03-03-00		1. Received By (Signature/Affiliation)	of the		e: 3/03/2000 e: /Y) }
	linquished By re/Affiliation)		Dat Tim			2. Received By (Signature/Affiliation)	Juster Wille		3-4-00 0: 10:15
	linquished By ure/Affiliation)		Dat Tim		,	3. Received By (Signature/Affiliation)		Date Tim	
	nents: Sample # RP0005MS					After being stored Until Monday 3-6 No Custody Seak		<i>b</i> /	in 00 of 8*30 om W 3-600
Sample			ample		Ctr	encord only	Requested Testing		Condition On
No	Sample Name	Date	Time	Container	Qty	Preservative	Program	Fil CID	Receipt
RP0001	RNG-208-MW01-SS-RP0001-REG	03 MAR 2000	12:43	g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0001 >	RNG-208-MW01-SS-RP0001-REG	03 MAR 2000	12:43	oz CWM	1	None except cool to 4 C	ITAL Metals by 6010B/7471A - Soils,	N	
		03 MAR 2000			II		Semivolatiles by 8270C		
	RNG-208-MW01-SS-RP0001-REG	03 MAR 2000	12:43	oz CWM	 1	None except cool to 4 C	Semivolatiles by 8270C Nitroaromatics by 8330	N	
RP0001,	RNG-208-MW01-SS-RP0001-REG RNG-208-MW01-SS-RP0001-REG			B oz CWM	$oxed{oxed}$	None except cool to 4 C	Nitroaromatics by 8330 Chem. Agt. Breakdown by 8321CWM,		
		03 MAR 2000	12:43		1	* 5.4	Nitroaromatics by 8330	N	



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030300-QSK Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil CID	Condition On Receipt
RP0004 /	RNG-208-MW01-DS-RP0004-REG	03 MAR 2000	13:42	3 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	
RP0004	RNG-208-MW01-DS-RP0004-REG	03 MAR 2000	13:42	3 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP0005-MS	RNG-208-MW02-SS-RP0005-MS	03 MAR 2000	12:43	3 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	
RP0005-MS 🗖	RNG-208-MW02-SS-RP0005-MS	03 MAR 2000	12:43	3 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP0005-MS	RNG-208-MW02-SS-RP0005-MS	03 MAR 2000	12:43	g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0005-MS	RNG-208-MW02-SS-RP0005-MS	03 MAR 2000	12:43	3 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	
RP0005-MSD	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0005-MSD ,	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	3 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	
	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP0005-MSD	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	3 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	
RP0007	RNG-208-SB01-SS-RP0007-REG	03 MAR 2000	09:00	g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0007	RNG-208-SB01-SS-RP0007-REG	03 MAR 2000	09:00	3 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	
RP0007 ~	RNG-208-SB01-SS-RP0007-REG	03 MAR 2000	09:00	3 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP0007 /	RNG-208-SB01-SS-RP0007-REG	03 MAR 2000	09:00	3 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	
RP0008	RNG-208-SB01-DS-RP0008-REG	03 MAR 2000	10:30	g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0008	RNG-208-SB01-DS-RP0008-REG	03 MAR 2000	10:30	3 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	Ŋ	
RP0008	RNG-208-SB01-DS-RP0008-REG	03 MAR 2000	10:30	3 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP0008	RNG-208-SB01-DS-RP0008-REG	03 MAR 2000	10:30	3 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	



1309 Continental Drive, Suite N Abingdon, MD 21009-2335 Phone 410-676-4300 Fax 410-676-4004

March 3, 2000

Project Name: Fort McClellan

Site Identification: Shell Tapping Area

Analyst: Robert H. Lee

Sample	Sample		Sample	Sample
Number	Name		Time	Date
RP0007	Shell Tapping Area		0900	3/03/00
RP0008	Shell Tapping Area	* * * * * * * * * * * * * * * * * * * *	1033	3/03/00
RP0001	Shell Tapping Area		1243	3/03/00
RP0004	Shell Tapping Area		1342	3/03/00

Samples RP0007, RP0008, RP0001, and RP0004 have been headspace analyzed and no agent was detected. I certify that Samples RP0007, RP0008, RP0001, and RP0004 are safe to transport.

Sample coolers will not be opened and processed until receipt of a final agent clearance fax from the QS office in Abingdon, Maryland. Encore samplers will be handled in accordance with any special instructions regarding immediate preservation, as required.

Robert H. Lee
Principal Chemist

Quicksilver Analytics

MEMORANDUM FOR RECORD SUBJECT: Sample Clearance

DATE: March 4, 2000

Then following samples taken from the Ft. McClellan (work for IT Group) on 3 March 2000 have been analyzed in accordance with the US Army Chemical Biological Forensic Analytical Center procedures and have been cleared for GB, HD and VX.

Field Sample Number	FAC Sample Number	Date / Time Taken	Sample Result
RP0007	98014-097-01	03-03-00 / 0900	<0.020 ug/g
RP0008	98014-097-02	03-03-00 / 1033	<0.020 ug/g
RP0001	98014-097-03	03-03-00 / 1243	<0.020 ug/g
RP0004	98014-097-04	03-03-00 / 1342	<0.020 ug/g

Questions or comments should be addressed to the undersigned at 410-676-4300.

J. Kirk Williams
Principal Chemist

QuickSilver Analytics, Inc.

Mail.



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030300-QSK

Page 1 of 2

Project Number: 800492

Project Name: Fort McClellan

Sample Coordinator: Jason Brown

Turnaround Time: Norman

Samples Shipment Date: 03 MAR 2000

Lab Destination: Quanterra Environmental Services - Knoxville

Lab Contact: John Reynolds

Project Contact: Randy McBride

Carrier/Waybill No.: Fed Ex/Quicksilver

Bill To: Duane Nielsen

312 Directors Drive

Knoxville TN 37923

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Special Instructions: Hold until Certifica	te of Analysis is faxed to your of	fice	
Possible Hazard Indentification:		Sample Disposal:	
Non-hazard Flammable Skin Irritant	Poison B Unknown 🔀	Return to Client Disposal by Lab	Archive (mos.)
1. Relinquished By	Date: 03-03-00	1. Received By	ال الرون عار 3 (1 Date: 3 كالون عار 3 كالون عار 3 كالون كالون الم
(Signature/Affiliation)	Time: 1600	(Signature/Affiliation)	Time: /צל
2. Relinquished By	Date:	2. Received By	Date:
(Signature/Affiliation)	Time:	(Signature/Affiliation)	Time:
3. Relinquished By	Date:	3. Received By	Date:
(Signature/Affiliation)	Time:	(Signature/Affiliation)	Time:
Comments: Sample # RP0005MS and RP	0005MSD moved from MW02 to	MW01.	
0		A. D. Constant Treat	0 - 120 - 0 -

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty		Requested Testing Program	Fil CID	Condition On Receipt
RP0001	RNG-208-MW01-SS-RP0001-REG	03 MAR 200	12:43	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0001	RNG-208-MW01-SS-RP0001-REG	03 MAR 200	12:43	B oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	
RP0001	RNG-208-MW01-SS-RP0001-REG	03 MAR 200	12:43	B oz CWM	11	None except cool to 4 C	Nitroaromatics by 8330	N	
RP0001	RNG-208-MW01-SS-RP0001-REG	03 MAR 200	12:43	B oz CVVM	T	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	
RP0004	RNG-208-MW01-D8-RP0004-REG	03 MAR 200	13:42	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0004	RNG-208-MW01-DS-RP0004-REG	03 MAR 200	13:42	8 oz CVVM	1	None except cool to 4 C	TAL Metals by 60108/7471A - Soils, Semivolatiles by 8270C	N	



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No; 208-030300-QSK

Page 2 of 2

Cample							* ***			
Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
P0004	RNG-208-MW01-DS-RP0004-REG	03 MAR 2000	13:42	8 oz CVVM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
P0004	RNG-208-MW01-DS-RP0004-REG	03 MAR 2000	13:42	8 oz CWM	11	None except cool to 4 C	Nitroaromatics by 8330	N		
P0005-MS	RNG-208-MW02-SS-RP0005-MS	03 MAR 2000	12:43	8 oz CWM	1	None except cool to 4 C	IAL Metals by 60105/7471A - Soils, Semivolatiles by 8270C	N		
20005-MS	RNG-208-MW02-SS-RF0005-MS	03 MAR 2000	12:43	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N		
P0005-MS	RNG-208-MW02-SS-RF0005-MS	03 MAR 2000	12:43	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
P0005-MS	RNG-208-MV02-SS-RP0005-MS	03 MAR 2000	12:43	8 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
PCOOS-MSD	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	5 g EnCore	3	None except cool to 4 C	Volatiles by 8250B	N	Т	
20005-MSD	RNG-208-MW02-SS-RP0005-MSU	03 MAR 2000	12:43	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N		
P0005-MSD	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	8 oz CWM	11	None except cool to 4 C	Nitroaromatics by 8330	N		
20005-MSD	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	8 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
20007	RNG-208-SB01-SS-RP0007-REG	03 MAR 2000	09:00	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
20007	RNG-208-5801-85-RP0007-REG	03 MAR 2000	09:00	8 oz CVVM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N		
20007	RNG-208-SB01-85-RP0007-REG	03 MAR 2000	09:00	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N		
0007	RNG-208-5801-58-RP0007-REG	03 MAR 2000	09:00	8 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CVVM, Chem. Agt. Breakdown by 8270CVVM	N	二	
20008	RNG-208-SB01-DS-RP0008-REG	03 MAR 2000	10:30	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	T	
	RNG-208-S801-DS-BP0008-REG	03 MAR 2000	10:30	B oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N		
90008	RNG-208-8801-DS-RP0008-REG	03 MAR 2000	10:30	B oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	Т	-
20008	RNG-208-8801-DS-RF0008-REG	03 MAR 2000	10:30	B oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		



ANALYSIS REQUEST AND **CHAIN OF CUSTODY RECORD**

Reference Document No: 208-030800-QSK

Page 1 of 2

Project Number: 774645

Project Name: Fort McClellan

Samples Shipment Date: 09 MAR 2000

Bill To: Duane Nielsen

312 Directors Drive

TN 37923

Sample Coordinator: Jason Brown

Turnaround Time: Normac

Lab Contact: John Reynolds

Project Contact: Randy McBride

Lab Destination: Quanterra Environmental Services - Knoxville

Carrier/Waybill No.: Quality Express/Courier

Report To: Duane Nielsen

312 Directors Drive

Knoxville

Knoxville

37923 TN

Special Instructions: None				
Possible Hazard Indentification:		Sample Disposal:		
Non-hazard Flammable Skin Irritant	Poison B Unknown 🔀	Return to Client Disposal by Lab	Archive	(mos.)
1. Relinquished By	Date: 03/09/00	1. Received By		Date: 0309 00
(Signature/Affiliation)	Time: 0900	(Signature/Affiliation)	OEC	Time: 0912
2. Relinquished By	Date: 070900	2. Received By Justa	100	Date: 03-09-00
(Signature/Affiliation)	Time: 1500	(Signature/Affiliation)		Time: 15:00
3. Relinquished By	Date:	3. Received By		Date:
(Signature/Affiliation)	Time:	(Signature/Affiliation)		Time:
Comments: None			Recolat 20	
		,	Recal art 2 % Exstady Seals 2	Total
		,	2-1-00	
		<i>"</i>	N 5700	

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty		Requested Testing Program	Fil CID	Condition On Receipt
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	1 L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Metals by 6010B/7470A - Water</td><td>N</td><td>01422</td></ph>	TAL Metals by 6010B/7470A - Water	N	01422
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	1 L Amb. Glass	1	None except cool to 4 C	Nitroaromatics by 8330	N	
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	1 L Amb. Glass	1	None except cool to 4 C	Semivolatiles by 8270C	N	
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	40 ml VOA VIAL	3	HCI <ph 2<="" td=""><td>Volatiles by 8260B</td><td>N</td><td></td></ph>	Volatiles by 8260B	N	
030800-ТВ	FIELDQC-BW-030800-TB-TB	08 MAR 2000	16:00	40 ml VOA Vial	2	HCI <ph 2<="" td=""><td>Volatiles by 8260B</td><td>N</td><td></td></ph>	Volatiles by 8260B	N	
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	



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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030800-QSK

Page 2 of 2

Sample		Sample	Sample				Requested Testing			Condition On
No	Sample Name	Date	Time	Container		Preservative	Program	Fil	CID	Receipt
P1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N		
P1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
P1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	1	None Required	Grain Size by ASTM D421/D422	N		
P1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM,	N	$=$ \dagger	
				L			Chem. Agt. Breakdown by 8270CWM			
P2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	40 mL VOA Vial	3	HCI <ph 2<="" td=""><td>Volatiles by 8260B</td><td>N</td><td></td><td></td></ph>	Volatiles by 8260B	N		
P2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	1	None except cool to 4 C	Semivolatiles by 8270C	N		
P2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Metals by 6010B/7470A - Water</td><td>N</td><td></td><td>01112</td></ph>	TAL Metals by 6010B/7470A - Water	N		01112
2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	1	None except cool to 4 C	Nitroaromatics by 8330	N		- Pili D
2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
P2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		



40000243

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030800-QSK

Page 1 of 2

Project Number: 774645

Samples Shipment Date: 09 MAR 2000

Bill To: Duane Nielsen

Knoxville

Project Name: Fort McClellan

Lab Destination: Quanterra Environmental Services - Knoxville

TN 37923

Sample Coordinator: Jason Brown

Lab Contact: John Reynolds

Report To: Duane Nielsen

Turnaround Time: Normac

Project Contact: Randy McBride

312 Directors Drive

312 Directors Drive

Carrier/Waybill No.: Quality Express/Courier

Knoxville TN 37923

Special Instructions: None			
Possible Hazard Indentification: Non-hazard Flammable Skin Irritant	Poison B Unknown 🔀	Sample Disposal: Return to Client Disposal by Lab Archive	(mos.)
1. Relinquished By O. K. Co Oo	Date: 03/09/00 Time: 0900	1. Received By (Signature/Affiliation) Walyum OEC	Date: 0309 0 0 Time: 0917
2. Relinquished By (Signature/Affiliation) (Signature/Affiliation)	Date: 070900 Time: 1500	2. Received By (Signature/Affiliation)	Date: 03 - 09 - 00 Time: 15:00
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:
Comments: None		Recol art = Costady Seals Jul 3-9-0	S I Host

Sample No	Sample Name	Sample Date	Sample Time	Container	Ct: Qty		Requested Testing Program	Fil CID	Condition On Receipt
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	1 L HDPE	71	HNO3 <ph 2<="" td=""><td>TAL Metals by 6010B/7470A - Water</td><td>N</td><td>01622</td></ph>	TAL Metals by 6010B/7470A - Water	N	01622
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	1 L Amb. Glass	17	None except cool to 4 C	Nitroaromatics by 8330	N	
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	1 L Amb. Glass	1	None except cool to 4 C	Semivolatiles by 8270C	N	
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	40 ml VOA VIAL	3	HCI <ph 2<="" td=""><td>Volatiles by 8260B</td><td>N</td><td></td></ph>	Volatiles by 8260B	N	
рзовоо-тв	FIELDQC-BW-030800-TB-TB	08 MAR 2000	16:00	40 ml VOA Vial	2	HCI <ph 2<="" td=""><td>Volatiles by 8260B</td><td>N</td><td></td></ph>	Volatiles by 8260B	N	
▼RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	5 g EnCore	1	None except cool to 4 C	Volatiles by 8260B	N	
NP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	<u>j</u> 1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	





ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030800-QSK

Page 2 of 2

Sample		Sample	Sample				Requested Testing		Condition On
No	Sample Name	Date	Time	Container		Preservative	Program	Fil CID	Receipt
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	11	None except cool to 4 C	Nitroaromatics by 8330	NT T	
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N	
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	17	None Required	Grain Size by ASTM D421/D422	- N	
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	40 mL VOA Vial	7 3	HCI <ph 2<="" td=""><td>Volatiles by 8260B</td><td>N</td><td></td></ph>	Volatiles by 8260B	N	
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	17	None except cool to 4 C	Semivolatiles by 8270C	N	
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L HDPE	†1	HNO3 <ph 2<="" td=""><td>TAL Metals by 6010B/7470A - Water</td><td>N</td><td>DHYA</td></ph>	TAL Metals by 6010B/7470A - Water	N	DHYA
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	†1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N	
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	11	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N	



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Lab Destination: Quanterra Environmental Services - Knoxville

Reference Document No: 208-062100-QSK Page 1 of 2

Project Number: 800492

Project Name: Fort McClellan

Samples Shipment Date: 22 JUN 2000

Bill To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Turnaround Time: Norman

Project Contact: Randy McBride

Report To: Duane Nielsen

312 Directors Drive

Carrier/Waybill No.: Quality Express/Courier

Lab Contact: John Reynolds

Knoxville

TN 37923

Special Instructions: None						
Possible Hazard Indentification:		Sample Disposal:				
Non-hazard Flammable Skin Irritant F	Poison B Unknown	Return to Client Disposal by Lab Archive	(mos.)			
1. Relinquished By Oc. Kalen (Signature/Affiliation)	Date: 6-22-00 Time: 0630	1. Received By (Signature/Affiliation) Role & Myges	Date: 6 - 12 - 06 Time: 0830			
2. Relinquished By Rolet E-Myer (Signature/Affiliation)	Date: 6-22-00 Time: /5-20	2. Received By (Signature/Affiliation)	Date: 6・22-00 Time:) ここと)			
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:			
Comments: None		Custody reale intent recorded at 2°C 1000 3 6-22-00				

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil CID	Condition On Receipt
	ELDQC-QC-062100-ER2-ER	21 JUN 2000	16:00	40 ml VOA VIAL	3	HCI <ph 2<="" td=""><td>Volatiles by 8260B</td><td>N</td><td>I BROKEN</td></ph>	Volatiles by 8260B	N	I BROKEN
	ELDQC-QC-062100-ER2-ER	21 JUN 2000	16:00	1 L Amb. Glass	1	None except cool to 4 C	Semivolatiles by 8270C	N	
	ELDQC-QC-062100-ER2-ER	21 JUN 2000	16:00	1 L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Metals by 6010B/7470A - Water</td><td>N</td><td>りナイン</td></ph>	TAL Metals by 6010B/7470A - Water	N	りナイン
062100-ER2 / FIE	ELDQC-QC-062100-ER2-ER	21 JUN 2000	16:00	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N	
062100-ER2 / FIE	ELDQC-QC-062100-ER2-ER	21 JUN 2000	16:00	1 L Amb. Glass	11	None except cool to 4 C	Nitroaromatics by 8330	N	
	LDQC-QC-062100-ER2-ER	21 JUN 2000	16:00	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	- N	<u> </u>
	LDQC-BW-062100-TB-TB	21 JUN 2000	07:00	40 ml VOA VIAL	2	HCI <ph 2<="" td=""><td>Volatiles by 8260B</td><td>TN </td><td><u> </u></td></ph>	Volatiles by 8260B	TN	<u> </u>
RP3001 / RN	IG-208-MW01-GW-RP3001-REG	21 JUN 2000	13:25	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N	



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-062100-QSK Page 2 of 2

RP3001 /	Sample Name	Date	Sample Time	Container		Preservative	Requested Testing Program	Fil CID	Condition On Receipt
	RNG-208-MW01-GW-RP3001-REG	21 JUN 2000	√ 13:25 k	40 mL VOA Vial	3	HCI <ph 2<="" td=""><td>Volatiles by 8260B</td><td>N.</td><td></td></ph>	Volatiles by 8260B	N.	
RP3001	RNG-208-MW01-GW-RP3001-REG	21 JUN 2000		1 L Amb. Glass		None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N	
RP3001 /	RNG-208-MW01-GW-RP3001-REG	21 JUN 2000	1 1	1 L Amb. Glass		None except cool to 4 C	Nitroaromatics by 8330	N	
RP3001 /	RNG-208-MW01-GW-RP3001-REG	21 JUN 2000	1	1 L HDPE	_1_	HNO3 <ph 2<="" td=""><td>TAL Metals by 6010B/7470A - Water</td><td></td><td>014/1</td></ph>	TAL Metals by 6010B/7470A - Water		014/1
RP3001 /	RNG-208-MW01-GW-RP3001-REG	21 JUN 2000		1 L Amb. Glass	i	None except cool to 4 C	Semivolatiles by 8270C	N	PHYX
RP3002 /	RNG-208-MW01-GW-RP3002-FD	21 JUN 2000	1	40 mL VOA Vial	1	HCI <ph 2<="" td=""><td>Volatiles by 8260B</td><td>N</td><td></td></ph>	Volatiles by 8260B	N	
RP3002 /	IRNG-208-MW01-GW-RP3002-FD	21 JUN 2000	1	1 L Amb. Glass		None except cool to 4 C	Semivolatiles by 8270C	N	
RP3002 /	RNG-208-MW01-GW-RP3002-FD	21 JUN 2000	.i	1 L Amb. Glass	_ i	None except cool to 4 C	Nitroaromatics by 8330	N	
RP3002	RNG-208-MW01-GW-RP3002-FD	21 JUN 2000	1	1 L Amb. Glass		None except cool to 4 C	Chem. Aqt. Breakdown by 8270CWM	N	
RP3002 /	RNG-208-MW01-GW-RP3002-FD			1 L Amb. Glass		None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N	
RP3002	RNG-208-MW01-GW-RP3002-FD	21 JUN 2000	1	1 L HDPE	4	HNO3 <ph 2<="" td=""><td>TAL Metals by 6010B/7470A - Water</td><td></td><td></td></ph>	TAL Metals by 6010B/7470A - Water		
RP3004	RNG-208-MW02-GW-RP3004-REG	21 JUN 2000		1 L Amb. Glass		None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N	PH~>
	RNG-208-MW02-GW-RP3004-REG	21 JUN 2000	i i			•			
RP3004 /		21 JUN 2000		1 L HDPE		HNO3 <ph 2<="" td=""><td>TAL Metals by 6010B/7470A - Water</td><td>N</td><td>PHEX</td></ph>	TAL Metals by 6010B/7470A - Water	N	PHEX
RP3004 /	RNG-208-MW02-GW-RP3004-REG	21 JUN 2000	1	1 L Amb. Glass		None except cool to 4 C	Semivolatiles by 8270C	N	
RP3004	RNG-208-MW02-GW-RP3004-REG	21 JUN 2000		1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N	
RP3004/	RNG-208-MW02-GW-RP3004-REG	21 JUN 2000	11:35	40 mL VOA Vial	4	HCI <ph 2<="" td=""><td>Volatiles by 8260B</td><td>N</td><td></td></ph>	Volatiles by 8260B	N	
RP3004/	RNG-208-MW02-GW-RP3004-REG	21 JUN 2000	11:35	1 L Amb. Glass	1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP3004-MS /	RNG-208-MW02-GW-RP3004-MS	21 JUN 2000	11:35	40 mL VOA Vial	3	HCI <ph 2<="" td=""><td>Volatiles by 8260B</td><td>N</td><td></td></ph>	Volatiles by 8260B	N	
RP3004-MS /	RNG-208-MW02-GW-RP3004-MS	21 JUN 2000	11:35	I L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Metals by 6010B/7470A - Water</td><td>N</td><td>りみと入</td></ph>	TAL Metals by 6010B/7470A - Water	N	りみと入
RP3004-MS /	RNG-208-MW02-GW-RP3004-MS	21 JUN 2000	11:35	1 L Amb. Glass	1	None except cool to 4 C	Semivolatiles by 8270C	N	
RP3004-MS/	RNG-208-MW02-GW-RP3004-MS	21 JUN 2000	11:35	1 L Amb. Glass	1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP3004-MS/	RNG-208-MW02-GW-RP3004-MS	21 JUN 2000	11:35	L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N	
RP3004-MS /	RNG-208-MW02-GW-RP3004-MS	21 JUN 2000	11:35	I L Amb. Glass	$+\tau$	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N	
RP3004-MSD /	RNG-208-MW02-GW-RP3004-MSD	21 JUN 2000		I L Amb. Glass	+1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP3004-MSD	RNG-208-MW02-GW-RP3004-MSD	21 JUN 2000	1	I L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N	
RP3004-MSD 2	RNG-208-MW02-GW-RP3004-MSD	21 JUN 2000	1	10 mL VOA Vial		HCI <ph 2<="" td=""><td>Volatiles by 8260B</td><td>- N </td><td></td></ph>	Volatiles by 8260B	- N	
RP3004-MSD /	RNG-208-MW02-GW-RP3004-MSD	21 JUN 2000	1	L Amb. Glass	1	None except cool to 4 C	Semivolatiles by 8270C	N	
	RNG-208-MW02-GW-RP3004-MSD	21 JUN 2000		L Amb. Glass	-	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N	
	RNG-208-MW02-GW-RP3004-MSD	21 JUN 2000 21 JUN 2000		L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Metals by 6010B/7470A - Water</td><td></td><td>6447</td></ph>	TAL Metals by 6010B/7470A - Water		6447